# Press Release

# IO-Link via Modular Principle

The new IO-Link function modules from Leuze simplify the integration of device data into PLC programs. This saves the users time and enables error-free installation.

*Owen, March 11, 2022 –* With their IO-Link function modules, the Sensor People at Leuze are introducing a powerful tool for manufacturers and operators: it renders the integration of IO-Link device data into PLC programs significantly easier. Users can simply and quickly transfer the function modules to the control program. Common control systems from manufacturers such as Siemens, Beckhoff, and Rockwell Automation are supported. The innovative modular approach makes reading and writing device parameters significantly easier. The function modules can be downloaded free of charge for all IO-Link products from Leuze.

**Fast and reliable integration**

Each function module is tailored to an IO-Link sensor from Leuze. The software-based modules save the users time. It is no longer necessary to waste time looking for data types, parameter indexes, and process data structures. Possible errors in the integration of IO-Link device data are also prevented. Users can even obtain diagnostic data while the process is running and use them for optimizations. Individual components of the process data are easily accessible thanks to the process data parser function.

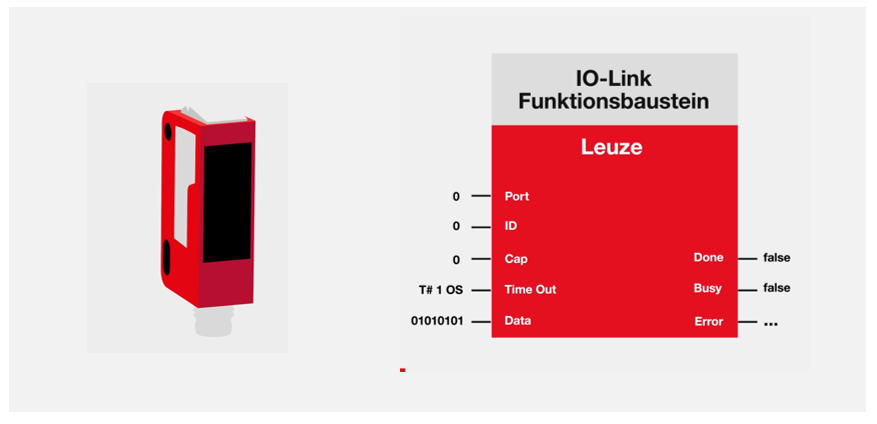
**Format and recipe changeover during operation**

Another advantage for users is the format and recipe change during operation: Recipes stored in the PLC can be switched easily in the sensor by the control program while the process in ongoing.   
  
**Free download**

Leuze offers the IO-Link function modules as free downloads. Further information is available at [www.leuze.com/io-link-fb](https://eur02.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.leuze.com%2Fio-link-fb&data=04%7C01%7C%7C6e153944f2054a8e89cb08d9efc5ad9d%7C77ac2f5c5d494704985796cca033973b%7C0%7C0%7C637804454733187239%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000&sdata=XpolP1ovXLdsh4EF6F3O98iZxSl7rysvMnUtaMVtDXc%3D&reserved=0) .

Characters: approx. 1,8270   
A file copy is requested.  
Interviews gladly arranged on request.

**Pictures**

  
Figure 1: Time saved as data types, parameter indices, and process data structures are already included in the function modules.

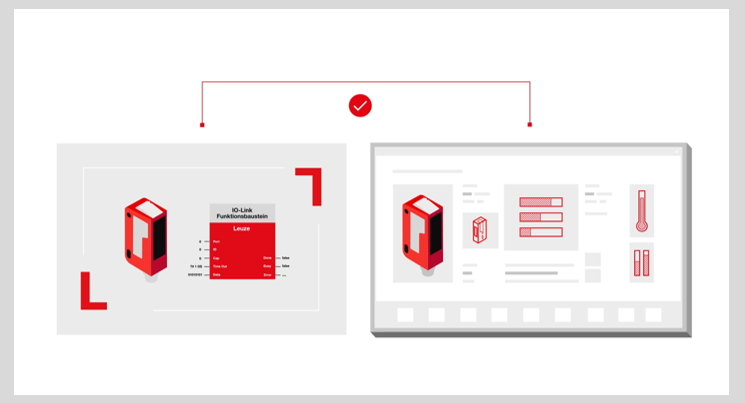


Figure 2: Leuze tests every function module extensively before release. This facilitates fast and error-free integration of IO-Link device data.

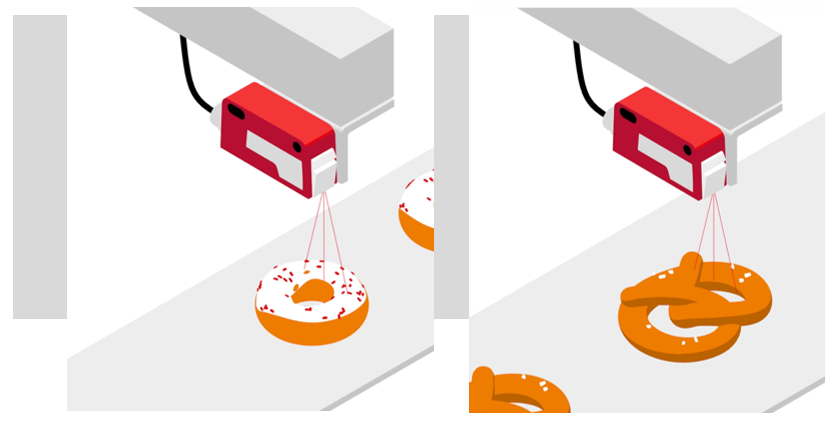


Figure 3: Different recipes can be easily stored in the PLC. Depending on the desired format, the PLC makes the switch in the IO-Link device – even while operation is ongoing.

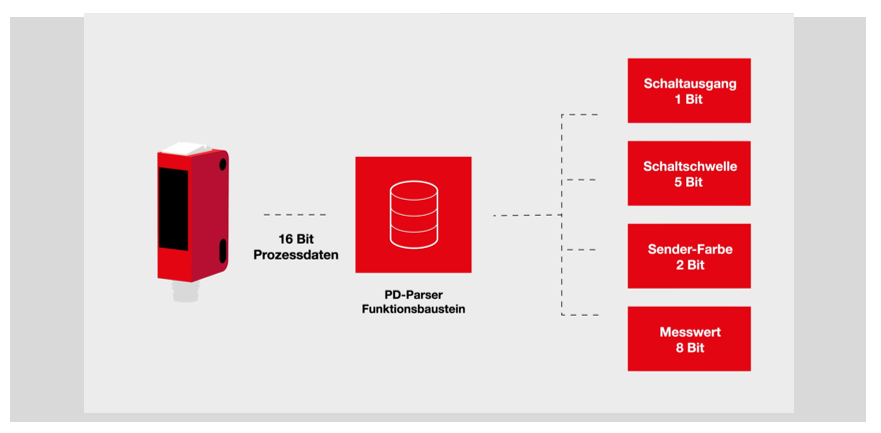


Figure 4: The process data parser function makes individual components of the process data easily accessible.

*With curiosity and determination, the Sensor People from Leuze have been creating innovations and technological milestones in industrial automation for more than 50 years. They are driven by the success of their customers. Yesterday. Today. Tomorrow. The technology leader’s high-tech product range includes a number of different sensors for the field of automation technology. Among these are switching and measuring sensors, identification systems, and data transmission and image processing solutions. As a Safety Expert, Leuze is also focused on components, services and solutions for safety at work. Leuze concentrates on its core industries, in which the Sensor People have extensive, specific application know-how and many years of experience. These include intralogistics and the packaging industry, machine tools, the automotive industry as well as laboratory automation. Leuze was founded in 1963, headquartered in Owen/Teck in Southern Germany. Today there are more than 1400 Sensor People around the world who are working with determination and passion for progress and transformation to make their customers successful in a constantly changing industry. Regardless of whether in the technological competence centers or in one of the 21 sales companies, supported by more than 40 international distributors.* [www.leuze.com](http://www.leuze.com)

**Leuze electronic GmbH + Co. KG T** +49 7021 573-0 Press inquiries: Martina Schili

In der Braike 1 **F** +49 7021 573-199 **T** +49 7021 573-116

73277 Owen info@leuze.com martina.schili@leuze.com

www.leuze.com

**Leuze electronic GmbH + Co. KG T** +49 7021 573-0 Press inquiries: Martina Schili

In der Braike 1 **F** +49 7021 573-199 **T** +49 7021 573-116

73277 Owen info@leuze.com martina.schili@leuze.com

www.leuze.com